

Patent Abstracts of Japan

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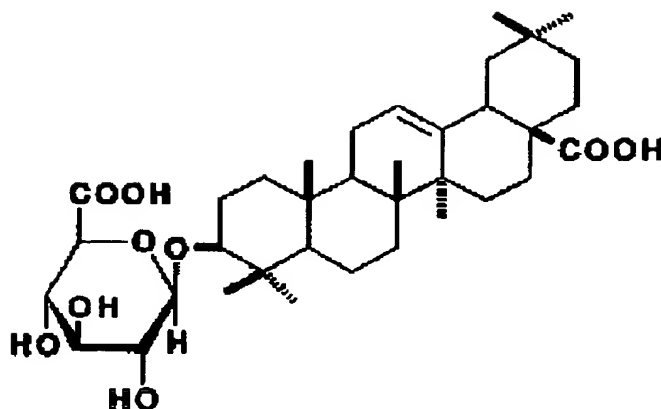
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APPLICANT : RES INST FOR PROD DEV;

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TITLE : SACCHARIDE ABSORPTION
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ABSTRACT : PURPOSE: To obtain an oleanolic acid 3-o- β -D-glucopyranosidouronic acid as the subject inhibitor by purifying with a silica gel a crude beet saponin derived from the extraction residues of sugar beet having been mass-wasted from sugar manufacturing works.

CONSTITUTION: A crude beet saponin is subjected to silica gel column chromatography and purified to obtain oleanolic acid 3-o- β -D- glucopyranosidouronic acid of the formula in high yield. This compound, a beet saponin, has excellent glucose/sucrose absorption-inhibitory activity, thus being useful as a raw material for medicines or functional foods; therefore, also usable for obesity prevention or hyperglycemia suppression.

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